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Via Hand-Delivery

Attorney's Docket No. 5470-238

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: MacDonald et al.

Art Unit: 1648

Serial No.: 09/288,837

Examiner: Z. Lucas

Filed: April 8, 1999

For: *METHODS AND MODIFIED CELLS
FOR THE TREATMENT OF CANCER*

Date: April 8, 2003

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TECH CENTER 1600/2900

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

04/17/2003 RHARKON 00000003 09288837

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Sir:

180.00 DP

Attached is a form PTO-1449 listing a document together with a copy of the identified document. It is requested that this document be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

The attached document provides a list of slides that were included in a presentation by Dr. Robert E. Johnston to the Scientific Advisory Board of OraVax, Inc. in Boston, Massachusetts on March 31, 1997. Slide 16 showed a double promoter Venezuelan Equine Encephalitis (VEE) vector having wild-type coat proteins (V3000) and expressing Green Fluorescent Protein (GFP), with GFP signal detected in the draining lymph node. Slide 17 demonstrated colocalization of V3000, as determined by an anti-VEE antibody, and a dendritic cell specific marker NLDC145 in interfollicular dendritic cells. Slide 24 demonstrated V3000 replicons expressing GFP in Langerhans cells in the draining lymph node.

A check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 50-0220.

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Serial No.: 09/288,837
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Page 2 of 2

Respectfully submitted,



Karen A. Magri
Registration No. 41,965

Customer Number:



20792

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**CERTIFICATE OF HAND DELIVERY TO U.S. PATENT AND
TRADEMARK OFFICE**

I hereby certify that this correspondence is being hand-delivered to
Group 1648, Commissioner for Patents, Washington, DC 20231, on
April 11, 2003.

Signature



Print Name

MARC A. COMISAC

Date of Signature:

April 11, 2003